

# Polytron 5720 IR

Series: Polytron 5000



Dräger Polytron 5720 IR is a gas transmitter that measures carbon dioxide in volume percent or ppm with an infrared Dräger PIR 7200 sensor. It provides a 3-wire 4–20 mA analogue output, with relays on request. Response time is 8 seconds or less. SIL 2, IP65/66/67, -40 °C to 77 °C; ATEX, IECEx, UL, CSA and GOST (EAC) approved.

- 01 CO<sub>2</sub> measurement in % vol or ppm with an infrared Dräger PIR 7200 sensor
- 02 Response time of 8 seconds or less
- 03 3-wire 4–20 mA analogue output; relays on request
- 04 SIL 2 (IEC 61508-2), IP65/66/67
- 05 ATEX, IECEx, UL, CSA and GOST (EAC)

## Technical data

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| BRAND                 | Dräger                                                       |
| MODEL                 | Polytron 5720 IR                                             |
| GASES                 | CO <sub>2</sub>                                              |
| SENSOR TECHNOLOGIES   | Infrared                                                     |
| OUTPUTS               | 4–20 mA · Relay                                              |
| RESPONSE TIME         | ≤ 8 seconds                                                  |
| DISPLAY               | backlit LCD display                                          |
| SIL LEVEL             | SIL 2                                                        |
| IP RATING             | IP65/66/67                                                   |
| OPERATING TEMPERATURE | -40–77 °C                                                    |
| POWER SUPPLY          | 10 to 30 VDC, 3-wire                                         |
| HOUSING               | Epoxy coated copper-free aluminum or stainless steel SS316 L |
| OTHER APPROVALS       | ATEX, IECEx, UL, CSA, CE marking, GOST (EAC)                 |
| DIMENSIONS            | 28x15x13 cm (H × W × D)                                      |

|                  |                                    |
|------------------|------------------------------------|
| WEIGHT           | 12.57 lb (5.7 kg)                  |
| COMPATIBLE ITEMS | PIR7200 424 NPT NON-HART for P5/8k |

## Standards

| STANDARD    | PERFORMANCE |
|-------------|-------------|
| IEC 61508-2 | SIL 2       |

## Certificates

|       |            |
|-------|------------|
| ATEX  | ATEX       |
| IECEX | IECEX      |
| OTHER | UL         |
| OTHER | CSA        |
| OTHER | CE marking |
| OTHER | GOST (EAC) |